

**WELDING FLUX FOR USE IN ARC-WELDING OF STAINLESS
STEELS, METHOD OF WELDING STAINLESS STEEL
MEMBERS USING THE WELDING FLUX**

ABSTRACT OF THE DISCLOSURE

5 A welding flux for use in welding stainless steel parts to increase welding penetration, consisting essentially a base material obtained from manganese peroxide (MnO_2), and an activator selected from a material group that includes zinc oxide (ZnO), silicon dioxide (SiO_2), chromium oxide (CrO_2), titanium dioxide (TiO_2), molybdenum dioxide (MoO_2), and iron oxide (Fe_2O_2).

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